

22. A hydrodynamic coupling according to Claim 16, wherein said pump blade wheel defines many connection channels.

23. A hydrodynamic coupling according to Claim 22, wherein said connection channels are arranged on a theoretical, hypothetical circumferential line of said pump blade wheel, said circumferential line being parallel to a central plane between said pump blade wheel and said turbine blade wheel.

24. A hydrodynamic coupling according to Claim 22, wherein said connection channels are arranged on more than one theoretical, hypothetical circumferential lines of said pump blade wheel, said circumferential lines being parallel to a central plane between said pump blade wheel and turbine blade wheel.

25. A hydrodynamic coupling according to Claim 22, wherein the distance between adjacent connection channels is constant.

26. A hydrodynamic coupling according to Claim 16, wherein the cross-section of said connection channel is constant from an inner to an outer circumference of said pump blade wheel.

27. A hydrodynamic coupling according to Claim 16, wherein said connection channel includes at least one cross-sectional change between said inner and outer circumference of said pump blade wheel.

28. A hydrodynamic coupling according to Claim 27, wherein said connection channel is tapered in the direction of said outer circumference.

29. A hydrodynamic coupling according to Claim 16, wherein the cross-section of said connection channel is circular.

30. A hydrodynamic coupling according to Claim 16, wherein the cross-section of said connection channel is oval.

IN THE ABSTRACT OF THE DISCLOSURE

Please add the Abstract of the Disclosure that is found on an attached sheet herewith.